

## SEALED SOURCE SAFETY ANALYSIS

Date: 6/4/2012

SRS ID Number: 201853

Department/Division: PO

Building: 510

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	Nuclide 1	Nuclide 2	Nuclide 3	Nuclide 4	Nuclide 5
Nuclide	Fe-55				
Original Activity (μCi)	250.00				
Present Activity (μCi)	26.65				

Manufacturer/Model: North American Scientific / Custom

Assay Date: 8/1/2003

Date of Certification: NA

Special Form Certificate: NA

Expiration Date: NA

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Recommended Working Life (RWL): 13

RWL Basis (Certificate/Default): Half Life

Years in Service: 8

Requesting RWL extension: NO

Total number of extensions, including this request (if applicable): NA

ANSI/ISO Certificate Number: NA

Temperature	External Pressure	Impact	Vibration	Puncture	Bending

PASSED ANSI N542-1977, A2.1.3 Immersion test.

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Photograph File Name(s): 201853120525

Results of visual inspection: Source encapsulation appears to be intact and in acceptable condition.

Source Application/Use: Detector response and energy or efficiency calibrations.

Restrictions/Limitations: Sources with this type of packaging have been tested for use in vacuum environments. After repeated cycling of the vacuum, sources were leak checked and found to be undamaged and sound. They may be used in vacuum with consultation from the RCD Tech. This source should not be subjected to unusual mechanical or environmental stresses, such as impacts, vibration or abrasion; it should not be exposed to moisture, corrosive materials or corrosive liquids. The source may not be transported to other locations by the end user. Operations that deviate from these restrictions require the approval of the Department/Division head and the RCD Manager.

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### Approvals

Department Source Custodian: \_\_\_\_\_

Department/Division: \_\_\_\_\_

RCD Manager (if applicable): \_\_\_\_\_

